

Math 211
Quiz 08

W 17 Jul 2019

Your name : _____

Exercise

(2 pt) Consider the 1st-order autonomous ODE

$$\frac{dy}{dt} = -(y + 1)(y - 1)^2(y - 3). \quad (1)$$

Identify the equilibrium solutions, and classify the stability of each. (Mind the leading negative sign in this ODE!)